

ALAMEDA COUNTY CONGESTION MANAGEMENT AGENCY

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Memorandum

*September 14, 2009
Agenda Item 4.2*

Date: August 24, 2009

To: Plans and Programs Committee

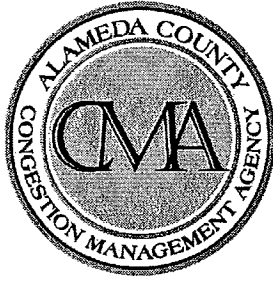
From: Ray Akkawi, Manager of Project Delivery

Subject: I-580 Tri-Valley Rapid Corridor Improvements: Regional Measure 2 (RM2 Project 32.1d): Quarterly Construction Status Report for the I-580 Eastbound HOV Lane Project.

Attached for the Committee's review is the quarterly construction report for the I-580 Tri-Valley Rapid Corridor Improvements: Regional Measure 2 (RM2) Subproject 32.1d: Eastbound HOV lane- Segments 1 and 2. The CMA is the sponsor of the HOV project. However, the construction phase is administered by Caltrans. The construction status report covers all activities through July 31, 2009.

Background

The CMA's adopted Construction Administration Guide requires that a quarterly construction status report be provided to the Administration and Legislation Committee. While this project is not administered by CMA, the CMA is the sponsor and a funding partner of the project. Therefore, a quarterly construction status report is submitted to the Plans and Programs Committee as an informational item only.



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I-580 HOV LANE PROJECT

Quarterly Construction Status Report

For May 1, 2009 through July 31, 2009

PROJECT DESCRIPTION

Segment 1 of the I-580 Eastbound HOV Lane project will construct an eastbound HOV lane from Portola Avenue to the Greenville Road interchange in the City of Livermore. The project will widen the inside and outside shoulders to accommodate the conversion of the HOV lane to High Occupancy Toll (HOT) lane. It will construct an auxiliary lane from Vasco Road to First Street and will also rehabilitate the existing pavement to provide a better roadway surface.

CONTRACT AND CONSTRUCTION STATUS

Contract Status: Contract #1 was awarded by Caltrans on July 28, 2008 in the amount of \$42,510,771. The contract work started on August 18, 2008 and the estimated contractual completion date is October 5, 2009. The HOV lane is scheduled to open to traffic on September 21, 2009. Contract 2 was awarded on July 22, 2009 in the amount of \$35,203,000. Contractor is waiting for the resource agency permit to begin construction.

Construction Status: The contractor completed the median widening of and placed the median barrier. Traffic was shifted on the new pavement to allow the contractor the construction of the outside widening. Contractor has requested partial winter suspension from mid December, 2008 to mid March, 2009. Contractor will not be working on critical path activities during this partial suspension. Contractor completed outside widening of the freeway and is working on the completing the outside drainage systems. Rehabilitation of the existing pavement began in mid may and is scheduled to be completed in mid September. The HOV lane is scheduled to be opened the week of September 21.

FINANCIAL STATUS

Budget and Expenditure Summary

The table below is the breakdown of the funding allocation.

	Contract 1	Contract 2
Bid Amount	\$42,510,771	\$30,454,448
ALLOCATION:		
Supplemental Funds	\$1,637,500	\$1,860,450
State Furnished Mat.	\$1,054,000	\$1,271,600
Contingency Fund (5%)	\$2,207,759	\$1,616,502
Total Allotment	\$47,410,030	\$35,203,000
EXPENDITURES:		

Items Paid to Date	\$29,985,889	\$0.0
Approved CCOs	\$138,756	\$0.0
Supplemental work	\$1,445,500	\$0.0
State Furnished Material	\$315,000	\$0.0
Total Estimated Expenditures	\$31,885,145	\$0.0
Estimated Fund Balance (Allocation – Expenditures)	\$15,524,885	\$35,203,000

There have been 48 contract change orders (CCO's) issued to contract 1 to date. Detailed information on the CCO's is shown in the CCO Log (attachment 1). Deletion of temporary fencing and Retaining Wall number 7 resulted in the negative balance shown above.

SCHEDULE STATUS

	Contract 1	Contract 2
<i>Bid Opening:</i>	June 24, 2008	June 3, 2009
<i>Contract Approval:</i>	July 28, 2008	July 29, 2009
<i>Total Working Days per Bid</i>	180	490
<i>First Charged Working Day</i>	October 22, 2008	August 21, 2009
<i>Contractual Completion Date:</i>	October 5, 2009	August 25, 2011
<i>Time Extension due to Weather Days:</i>	87 Working Days	
<i>Time Extension due to Change orders:</i>	0 Working Days	0 Working Days
<i>% Completion (Time):</i>	50%	0%
<i>% Completion (Work):</i>	72%	0%

There have been no delays or any adverse impact to the schedule. The project completion of the first contract is on schedule.

OUTSTANDING ISSUES/DISPUTES/CLAIMS

There are two outstanding Notices of Potential Claims (NOPC) requesting additional compensation for deleting retaining wall #7 and for removing the final pavement lift from the contract. Caltrans construction staff is working with the contractor to resolve these two NOPC.

Attachment 1: 290844 CCO LOG

CCO	CCO Description	Time	Requested Amount	Spent to Date	CCOs Using Supplemental Work Funds	CCOs Using G12 Funds	CCOs Using Contingency Funds	Contingency Balance
1	Flagging & Traffic Control	0	\$115,000.00	\$269.05	\$115,000.00			\$2,207,759.00
2	Federal Apprentice Program	0	\$11,200.00	\$0.00	\$11,200.00			\$2,207,759.00
3	Partnering	0	\$60,000.00	\$6,000.00	\$60,000.00			\$2,207,759.00
4	DRB	0	\$16,500.00	\$6,000.00	\$16,500.00			\$2,207,759.00
4.1	Informal DRB	0	\$10,000.00	\$0.00			\$10,000.00	\$2,197,759.00
5	Removal of Thermoplastic Material	0	\$29,670.00	\$29,670.00			\$29,670.00	\$2,168,089.00
6	Delete Temporary Fence (Type ESA)	0	(\$16,600.00)	(\$16,600.00)			(\$16,600.00)	\$2,184,689.00
7	Install Detector Loops	Def	\$6,555.00	\$6,555.00			\$6,555.00	\$2,178,134.00
8	Ground Breaking Ceremony	0	\$10,000.00	\$7,095.21			\$10,000.00	\$2,168,134.00
9	Amend Traffic Charts	Def	\$0.00	\$0.00			\$0.00	\$2,168,134.00
10	Delete Retaining Wall No. 7	Def	(\$1,852,651.78)	\$0.00			(\$1,852,651.78)	\$4,020,785.78
11	Remove Buried Man-made Objects	0	\$50,000.00	\$50,000.00			\$50,000.00	\$3,970,785.78
11.1	Remove Buried Man-made Objects	0	\$130,000.00	\$8,000.00			\$130,000.00	\$3,840,785.78
12	Miscellaneous Drainage Work	Def	\$50,000.00	\$50,000.00			\$50,000.00	\$3,790,785.78
12.1	Miscellaneous Drainage Work	Def	\$50,000.00	\$4,000.00			\$50,000.00	\$3,740,785.78
13	Miscellaneous Electrical Work	Def	\$50,000.00	\$50,000.00			\$50,000.00	\$3,690,785.78
13.1	Miscellaneous Electrical Work	Def	\$50,000.00	\$0.00			\$50,000.00	\$3,640,785.78
14	DS #86 Changes	0	\$20,000.00	\$0.00			\$20,000.00	\$3,620,785.78
15	Modify DS 56J at Retaining Wall #6	0	\$500.00	\$500.00			\$500.00	\$3,620,285.78
16	Abandon 24-inch Clay Pipe at DS #86	0	\$30,000.00	\$1,000.00			\$30,000.00	\$3,590,285.78
17	Move K-rail for LCB Paving	0	\$18,000.00	\$18,000.00			\$18,000.00	\$3,572,285.78
18	Electrical Jacking for HOT Lane	0	\$205,343.90	\$205,343.90			\$205,343.90	\$3,366,941.88
19	Overhead Sign Changes for HOT	0	(\$164,966.00)	\$0.00			(\$164,966.00)	\$3,531,907.88
20	Additional MBGR	0	\$78,379.00	\$0.00			\$78,379.00	\$3,453,528.88
	Structural Section Changes at EB							
21	Median in Vicinity of Greenville OH	Def	\$94,082.15	\$94,082.15			\$94,082.15	\$3,359,446.73
22	Delay Due to Traffic Accident	0	\$10,000.00	\$10,000.00			\$10,000.00	\$3,349,446.73
23	Lime Soil Testing	0	\$10,000.00	\$10,000.00			\$10,000.00	\$3,339,446.73
24	Modify Project Funding Signs	0	\$1,063.75	\$1,063.75			\$1,063.75	\$3,338,382.98
25	Revise QC/QA Specification	0	\$0.00	\$0.00			\$0.00	\$3,338,382.98
26	Raise Inlets at DS#84	0	(\$1,368.00)	(\$1,368.00)			(\$1,368.00)	\$3,339,750.98
27	Additional Temporary Lighting	Def	\$98,481.61	\$98,481.61			\$98,481.61	\$3,241,269.37
	Water Pollution Control Maintenance							
28	Cost Sharing	0	\$38,800.00	\$1,000.00	\$38,800.00			\$3,241,269.37
29	Asphalt Price Index Fluctuations	0	\$694,000.00	(\$573,597.88)	\$694,000.00			\$3,241,269.37
30	QC/QA AC(A) Pay Factor	0	\$460,000.00	\$0.00	\$460,000.00			\$3,241,269.37

290844 CCO LOG

CCO	CCO Description	Time	Requested Amount	Spent to Date	CCOs Using Supplemental Work Funds	CCOs Using G12 Funds	CCOs Using Contingency Funds	Contingency Balance
31	Unsuitable Material	0	\$40,000.00	\$0.00			\$40,000.00	\$3,201,269.37
32	Modified Detail 13 Traffic Stripe (Added Black Paint)	0	\$20,000.00	\$0.00			\$20,000.00	\$3,181,269.37
33	Yellow 100mm Paint (HOLD)	0	Not Available	\$0.00			\$0.00	\$3,181,269.37
34	Remove and Replace Existing Pavement	0	\$50,000.00	\$0.00	\$50,000.00			\$3,181,269.37
35	Modify LCB Equipment	0	\$18,275.00	\$18,275.00			\$18,275.00	\$3,162,994.37
36	VOID	0	\$0.00	\$0.00			\$0.00	\$3,162,994.37
37	Delete Approach Slab Work at Greenville OC(Differing Site Condition)	0	(\$231,120.00)	\$0.00			(\$231,120.00)	\$3,394,114.37
38	Relocate Biofiltration Strip	0	\$20,036.00	\$0.00			\$20,000.00	\$3,374,078.37
39	Weigh-in-Motion Piezo Changes	0	(\$2,962.58)	(\$2,962.58)			(\$2,962.58)	\$3,377,040.95
40	Wildlife Exclusion Fence -- Strut Credit	0	\$0.00	\$0.00			\$0.00	\$3,377,040.95
41	Replace Lime Treat with Cement Treat	0	\$172,249.00	\$46,924.03			\$172,249.00	\$3,204,791.95
42	Demobilization of Coral Construction	Def	\$11,024.95	\$11,024.95			\$11,024.95	\$3,193,767.00
43	SW#2 and SW#3 Access Issues	0	Not Available	\$0.00			\$0.00	\$3,193,767.00
44	VOID	0	\$0.00	\$0.00			\$0.00	\$3,193,767.00
45	Drainage System 71 Addition	0	Not Available	\$0.00			\$0.00	\$3,193,767.00
46	Deletion of RAC(O) Layer	Def	(\$1,525,855.50)	\$0.00			(\$1,525,855.50)	\$4,719,622.50
47	WB Median Grinding and Paving	Def	\$20,000.00	\$0.00			\$20,000.00	\$4,699,622.50
48	DS86 V-ditch Headwalls	0	\$58,323.80	\$0.00			\$58,323.80	\$4,641,298.70
Total CCOs Approved & Pending				\$138,756.19	\$1,445,500.00	\$0.00	(\$2,433,539.70)	
Total Funds Allocated for Supplemental Work & G12 Funds & Contingencies				NA	\$1,637,500.00	\$0.00	\$2,207,759.00	
Remaining Funds				NA	\$192,000.00	\$0.00	\$4,641,298.70	